

ABSTRACT

An imprint embossing alignment system. In one embodiment, the system includes a die having a bottom surface, an embossing foil positioned above the bottom surface, and a mandrel, to receive the substrate, having a rod portion that extends through a central portion of the die. The system also includes a ball bushing positioned around the rod portion and a ring portion positioned between the ball bushing and the embossing foil to hold a precise alignment of a centerline of the rod portion and a centerline of the embossing foil.